

IN THE CLAIMS

1. (Currently Amended) Overload safety coupling, especially for the main drivetrains on rolling stands, which bridges a toothed spindle section 1 and a spindle section 6 with a permanent seat, ~~characterized by comprising~~ a rotating-and-sliding sleeve 3, which has internal toothing at one end to hold the spindle section 1 in a way that allows axial displacement, whereas, at the other end, it holds an inner sleeve 4, which is permanently seated on the spindle section 6, where a pressure sleeve 5 and a pressure gap 14 pretensioned with pressure fluid produce a nonrotatable connection between the rear sleeve-like extension 13 and the inner sleeve, which frictional connection gives way in the event of an overload.
2. (Currently Amended) Safety coupling according to Claim 1, ~~characterized in that, wherein,~~ to absorb the axial coupling forces, external axial pressure cylinders 7, 7' are preferably provided as spacers between the spindle sections 1 and 6.
3. (Currently Amended) Safety coupling according to ~~Claim 1 or~~ ~~Claim 2, characterized in that~~ Claim 1, wherein the spindle section 1 is designed with a fixed bearing 2, whereas the spindle section 6 is designed with a movable bearing 8.

4. (Currently Amended) Safety coupling according to ~~Claim 1~~,
~~Claim 2, or Claim 3, characterized in that, Claim 1, wherein,~~ in the
event of an axial overload on the spindle section 6 acting in the he
direction toward the side where the fixed bearing 2 is installed,
this spindle section 6, along with the movable bearing 8, the
antirotation device (4, 5, 10, 11, 12), and the internally toothed
rotating-and-sliding sleeve 3, is able to slide over the externally
toothed part of the spindle section 1.

5. (Currently Amended) Safety coupling according to ~~one or more~~
~~of Claims 1 to 4, characterized in that Claim 1, wherein~~ the
initiating force of the axial displacement can be set by adjusting
the pressure in the cylinders 7, 7'.

6. (Currently Amended) Safety coupling according to ~~one or more~~
~~of Claims 1 to 5, characterized in that Claim 1, wherein~~ the
cylinders 7, 7' are designed to control or damp the coupling action.

7. (Currently Amended) Safety coupling according to ~~one or more~~
~~of Claims 1 to 6, characterized in that, Claim 1, wherein,~~ in the
event of a torque overload, the spindle section 6 with the
permanently connected sleeve 4 is designed to slip relative to the

rotating-and-sliding sleeve 3 and the pressure sleeve 5, and in that a shear collar 10, which is permanently connected to the section 6, is also connected to a shear valve 11, so that the connection pretensioned by the pressure medium in the pressure gap 14 is released.

8. (Currently Amended) Safety coupling according to ~~one or more~~ of ~~Claims 1 to 7, characterized in that~~ Claim 1, wherein the pressure sleeve (5) is rotatably supported on the inner sleeve (4) by a bearing (12).

9. (Currently Amended) Safety coupling according to ~~one or more~~ of ~~Claims 1 to 8, characterized in that~~ Claim 1, wherein a predetermined initiating torque can be set by adjusting the pressure at the pressure sleeve (5).